Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 14 Jan 2021 until 23:59 on Friday 15 Jan 2021

Forecast Issued on Wednesday 13 Jan 2021 at 08:43

Confidence: High for the general themes. Low confidence for the intensity and heights of snow during Thursday and Saturday.

Headline for Thursday 14 Jan 2021: Sleet or snow, easing in the afternoon. Low cloud.

Mountain weather hazards on Thursday 14 Jan 2021

Blizzards
No Likelihood

Heavy Snow
Medium Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light snow	Heavy snow	Light snow	Fog	Fog	Fog
Precipitation probability							
70%	70%	70%	70%	60%	30%	30%	30%

Forecast for Thursday 14 Jan 2021

Weather: A cold day with extensive low cloud. Outbreaks of rain overnight, turning to snow down to about 700m by dawn then to 300m during the morning. The rain or snow may turn heavy for a couple of hours in the morning, becoming light and patchy in the afternoon, then dying out in the evening.

Chance of cloud free mountain/hill tops above 800m: Almost zero chance due to extensive low cloud.

Visibility: Very poor at most elevations with extensive cloud cover and falling snow above 200 or 300m. Generally hazy below the cloud base.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 14 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	16/19 SE	15/18 SE	14/17 SE	15/18 SE	14/19 SE	11/14 E	10/11 SE	9/11 S	8/10 S
600	11/14 SE	11/14 SE	9/12 SE	12/16 SE	13/18 SE	8/11 SE	6/8 SE	6/8 S	5/7 S
300	4/9 S	2/4 E	2/6 S	3/8 SE	4/9 SE	4/7 SE	3/6 SE	2/5 SE	2/4 S
Valley	3/11 E	2/6 E	2/5 N	5/12 E	5/10 SE	3/7 S	2/5 E	2/4 NE	3/4 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	1/-5	-1/-6	-2/-8	-2/-8	-3/-8	-3/-8	-3/-8	-3/-8
600	3/-1	1/-3	1/-4	-0/-6	-1/-6	-1/-5	-1/-4	-1/-5	-2/-5
300	4/2	3/2	2/1	2/0	1/-1	1/-1	1/-1	0/-1	0/-2
Valley	4/3	4/3	4/2	3/1	3/1	3/2	2/1	2/1	2/0
Freezing Level*	2100m	1600m	1000m	700m	500m	500m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Good navigation skills will be required. Very icy conditions expected underfoot as freezing level lowers.

Forecast for Friday 15 Jan 2021

Weather: Cloudy overnight and during the morning with the odd flurry of sleet or snow. A little brightness in the afternoon across northern and eastern fells but cloudy elsewhere.

Maximum wind: South or SE 5-10mph, increasing to 15mph in afternoon then 20 gusts 30mph in evening.

Chance of cloud free mountain/hill tops above 800m: 10% in morning, becoming 60% in the afternoon with best chance over northern and eastern fells.

Visibility: Extensive low cloud with bases 300-400m overnight and in the morning, rising to 700-900m in the afternoon. Generally hazy below the cloud base with distant hills obscured.

Temperature: **Valleys:** Plus 2 to 4C.
At 800m: Minus 2C.
Freezing level: 500m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 13 January Location: Helvellyn summit at 11:15 Full report: A cloudy and wet day with very little change in temperature (isothermic) from valley level all the way up to the summits as a warm front pushes through the region. The temperature in the valley was 1°C and marginally warmer at 1.7°C on the summit of Helvellyn today. The remaining snow, although now very fragmented, froze solid yesterday and is proving quite resistant to today's thaw. Much of the ice is now also covered in water making for very slippery conditions underfoot. Large ribbons of snow are still present across the higher tops and have in-filled the paths in many places. Although these areas are generally easy to avoid, microspikes and walking poles are really useful. Steep north and east-facing corrie headwalls such as Brown Cove and the area above Red Tarn still hold a reasonable amount of snow. Swirral and Striding Edge are both in full winter condition and are a mixture of rock and unavoidable areas of snow and ice. In the current conditions, they are both very serious propositions and have the potential for long and damaging falls in the event of a slip.
Anyone exercising locally (as per the government guidelines) and venturing into the fells should be suitably equipped and experienced; Full winter clothing including waterproofs, extra warm layers, hat and gloves, mountain boots, headtorch, survival bag, map and compass (and the ability to navigate in challenging conditions) are all essential. For anyone attempting Swirral or Striding Edge or similar routes over steep and exposed ground, an ice axe and crampons are also essential. Goggles are also potentially very useful to enable you to navigate effectively in windy conditions.
Temperature: plus 1.7 C, Maximum wind speed 14.5mph, Wind chill: minus 4.5 C,
Average wind speed: 13.8 mph.
Issued at: 0843 on Wed 13 Jan 2021

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